CLAIM AMENDMENTS

1. (Currently Amended) A light receiving element module which ~~receives~~ detects signal light emitted from an optical fiber, comprising:

a lens which condenses signal light emitted from the optical fiber;

a reflecting mirror which has a quadric surface which reflects the signal light condensed by the lens; and

a ~~light-receiving~~ detecting element which ~~receives~~ detects the signal light reflected by the reflecting mirror ~~to convert~~ and converts the signal light ~~to~~ into an ~~electric~~ electrical signal.

2. (Currently Amended) The light receiving element module according to claim 1, wherein a real image at an emitting point ~~for~~ of the signal light in the optical fiber is imaged by the lens, with respect to a virtual image of a light-~~receiving~~ detecting face of the light-~~receiving~~ detecting element, formed on an optical axis of the lens by the reflecting mirror.

3. (Currently Amended) The light receiving element module according to claim 1, wherein the reflecting mirror is a parabolic mirror having an axis.

4. (Currently Amended) The light receiving element module according to claim 3, wherein

the signal light condensed by the lens is incident on the reflecting surface generally ~~in~~ parallel ~~with~~ to the axis of the ~~reflecting~~ quadric surface, and

the signal light ~~which is~~ incident on a position offset from the center of the reflecting mirror by approximately a radius is reflected ~~on~~ from the ~~reflecting~~ quadric surface.

5. (Currently Amended) The light receiving element module according to claim 3, wherein

the signal light condensed by the lens is incident on the ~~reflecting~~ quadric surface generally ~~in~~ parallel ~~with~~ to the axis of the reflecting surface, and

the signal light incident is reflected at ~~an~~ approximately a right angle ~~on~~ from the ~~reflecting~~ quadric surface.

6. (Original) The light receiving element module according to claim 1, wherein the reflecting mirror is a hyperboloid mirror.

7. (Original) The light receiving element module according to claim 1, wherein the lens is a spherical lens.

8. (Currently Amended) The light receiving element module according to claim 1, further comprising a trans-impedance amplifier ~~which is arranged on the same flat face as~~ located on a common plane with the light ~~receiving~~ detecting element ~~in proximity to~~ proximate the light ~~receiving~~ detecting element and that amplifies the ~~electric~~ electrical signal ~~converted~~ produced by the light ~~receiving~~ detecting element.

9. (Currently Amended) The light receiving element module according to claim 1, wherein the reflecting mirror is formed ~~by~~ using a plastic mold.

10. (Currently Amended) The light receiving element module according to claim 1, ~~wherein adjustment of the optical axis of~~ including adjusting the optical fiber ~~in three axial directions of the~~ along an optical axis direction and in two directions perpendicular to the optical axis ~~is performed~~ direction.

11. (Currently Amended) The light receiving element module according to claim 1, wherein

the lens has a magnification of ~~a partial system of the lens is set to~~ at least one ~~time or more~~ and no more than three ~~times or less~~,

the reflecting mirror has a magnification of ~~a partial system of the reflecting mirror is set to~~ at least 1/6 ~~time or more~~ and no more than one ~~time or less~~, and

~~the~~overall magnification ~~of the whole optical system~~, including the lens and the reflecting mirror is ~~set to~~ at least 0.5 ~~times or more~~ and no more than one ~~time or less~~.

12. (Currently Amended) The light receiving element module according to claim 1, wherein ~~one of~~ the reflecting mirror has a radius of curvature and ~~the~~ a focal length ~~of the reflecting mirror is~~, one of which is no more than 1 millimeter ~~or less~~.

13. (Currently Amended) The light receiving element module according to claim 8, further comprising a capacitor ~~whose~~ having a ground ~~is~~ electrically connected to a

ground of the trans-impedance amplifier, wherein the light-~~receiving~~ detecting element, the trans-impedance amplifier, and the capacitor are arranged ~~on the~~ in substantially the same ~~flat face~~ plane.

14. (Currently Amended) The light receiving element module according to claim 8, further comprising:

a base; and

a capacitor on which the light-~~receiving~~ detecting element is mounted and ~~whose~~ having a back face ~~is~~ connected to a ground face of the base.

15. (Currently Amended) A light receiving element module which ~~receives~~ detects signal light emitted from an optical fiber, comprising:

a stem ~~where~~ through which signal pins penetrate;

a base ~~which is~~ fixed in a direction perpendicular to the stem;

a cap member ~~which has~~ having a light passing-through hole and ~~is~~ fixed to the stem;

a spherical lens ~~which is~~ inserted into the light passing-through hole and ~~condenses~~ condensing signal light emitted from the optical fiber;

a parabolic mirror ~~which is arranged~~ located on the base and ~~reflects~~ reflecting the signal light condensed by the spherical lens ~~by refracting the signal light~~ at ~~an~~ approximately a right angle;

a light-~~receiving~~ detecting element ~~which is arranged~~ located on the base ~~and receives~~, receiving the signal light reflected by the parabolic mirror ~~to convert~~, and converting the signal light to an ~~electric~~ electrical signal; and

a trans-impedance amplifier ~~which is arranged~~ located on the base ~~in proximity to~~ proximate the light-~~receiving~~ detecting element and ~~amplifies~~ amplifying the ~~electric~~ electrical signal ~~converted~~ produced by the light-~~receiving~~ detecting element.

16. . (Currently Amended) A light receiving element module which ~~receives~~ detects signal light emitted from an optical fiber, comprising:

a stem ~~where~~ through which signal pins penetrate;

a base ~~which is~~ fixed in a direction perpendicular to the stem;

a window member ~~which covers~~ covering the first light passing-through hole;

a lens holding member ~~which has~~ having a second light passing-through hole and ~~is~~ fixed to the cap member;

a spherical lens ~~which is~~ inserted into the second light passing-through hole and ~~condenses~~ condensing signal light emitted from the optical fiber;

a parabolic mirror ~~which is arranged~~ located on the base and ~~reflects~~ reflecting the signal light condensed by the spherical lens ~~by refracting the signal light~~ at ~~an~~ approximately a right angle;

a light ~~receiving~~ detecting element ~~which is arranged~~ located on the base ~~and receives~~, receiving the signal light reflected by the parabolic mirror ~~to convert~~, and converting the signal light to an ~~electric~~ electrical signal; and

a trans-impedance amplifier ~~which is arranged~~ located on the base ~~in proximity to~~ proximate the light ~~receiving~~ detecting element and ~~amplifies~~ amplifying the ~~electric~~ electrical signal ~~converted~~ produced by the light ~~receiving~~ detecting element.